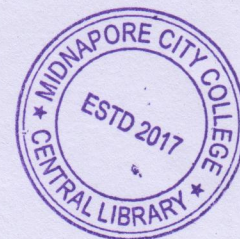


**Third Semester Examination-2018**

M.Sc. PHYSICS
Paper Code:PHS 305
Advance Practical-II
(PRACTICAL)

**Full Marks : 50****Time: 3 Hours**

Candidates are required to give their answers in their own words as far as practical. Everyone must attempt any one question.

Full Marks: 40**Practical Note Book: 5****Viva Voice: 5**

1. Determination of Electron / Ion temperature by Double probe method.
2. Determination of the gamma and beta ray absorption coefficients by using a G.M. counter.
3. Measurement of the Hall coefficient of a given sample and calculation of its concentration.
4. Frank Hertz experiment .
5. Measurment of e/m by magnetron valve.
6. Determination of Curie Temperature.
7. Study of nuclear counting statistics.
8. To estimate the separation between the two plates of a Febry-Perot interferometer.
